

Patent Claims

What is claimed is:

1. A fuse (12) for artillery ammunition, which may be set in the course of its loading procedure via a coupling coil positioned inside its cap (11), which is shaped like a hollow truncated cone, characterized in that it also has an infrared data interface (13) in the region of its cap (11) for receiving, parallel in time to the fuse-setting procedure, a quantity of data, large in relation to the fuse-setting information, in the form of prediction data as initialization information for satellite navigation to be used on board the ammunition after firing.
2. The fuse according to Claim 1, characterized in that a data interface (13a) is positioned centrally behind the flattened tip (14) of the fuse (12).
3. The fuse according to Claim 1, characterized in that a data interface (13b) is positioned in the lateral surface of the cap (11).
4. The fuse according to Claim 3, characterized in that a ring (15), which may be placed on the cap (11), having at least one coupling element (16) for communication with the data interface (13b), is provided.

5. The fuse according to Claim 4,
characterized in that at least three coupling elements
(16) are positioned distributed around the
circumference of the ring (15).

6. The fuse according to one of the preceding claims,
characterized in that the communication between data
interfaces (13) and coupling elements (16) is
performed bidirectionally via transceivers.